

ABSTRACT OF THE DISCLOSURE

Disclosed is an illumination system for
illuminating a surface by use of light from a light
source, which includes an emission angle conserving
5 optical unit effective to emit the light from the
light source at a constant divergent angle, and a
diffractive optical element for producing a desired
light intensity distribution on a predetermined plane,
wherein the diffractive optical element is disposed at
10 or adjacent a position where light from the emission
angle conserving optical unit is collected.

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Approved for Release